

## ABSTRACT

### COMPUTER INPUT DEVICE WITH ERGONOMICALLY FORMED AND POSITIONED ACTUATORS

Disclosed an ergonomically improved computer mouse provides several advantageous features and is different in several respects from prior mice. A mouse (100) has an upper casing (101) and a bottom part (102) with spacings, which provide sufficient clearance between upper and rear surfaces of the mouse, and the user's fingers and their hand plane when their hand rests on a working surface in a naturally relaxed curled fingers and hand position while at the same time, their index and middle fingertips are placed in respective moulds or receptacles (117) and (118), which are formed on the upper surfaces of a primary button (105) and a secondary button (106). A wheel button (123) is placed between the moulds. The mouse also provides two additional buttons (129) and (130) positioned rearward of the primary and secondary buttons, respectively, so as to be capable of being actuated by bending the user's index or middle finger positioned in the respective receptacles and simultaneous pinching the mouse between a user's thumb and a user's ring and/or little fingertips. The button placements, their unique shape, and the form of the mouse combine to provide ergonomic benefits such as using high settings for cursor speed and acceleration with simultaneous enhanced positional control of the cursor placement on the screen.

The FIG. 1 should be shown.